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GRADE

American

Perennial Gardens

P. O. Box 37

Garden City, Michigan

Return Postage Guaranteed

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FEB 7 - 1954
U. S. Department



SEEDS OF NATIVE PLANTS

Crop of 1954

25¢ per packet except as noted. Prices on larger quantities quoted on request. All are postpaid. Residents of Michigan add 3% sales tax.

Actaea alba - White Baneberry. Small white flowers followed by white fruit with black tip. 2 ft. Sh.

Actaea rubra - Red Baneberry. Small white flowers followed by red fruit. 2 ft. Sh.

Actinea angustifolia Golden Daisies - 8-10 in. above silvery rosette. S. 35¢.

Actinea herbacea - Lakeside Daisy. - Yellow daisy in early spring. Rare and choice. 6-10 in. S. 35¢.

Actinomeris alternifolia - Numerous 1-2 in. yellow rayed flowers in autumn. 4-8 ft. S.

Adlumia fungosa - Mountain Fringe, A climbing bien. Pink flowers all summer. L. Sh. 35¢.

Agastache foeniculum - Giant Hyssop. Anise scented foliage. Flowers soft blue spikes all summer. S.

Allium cernuum - Nodding Onion. Nodding lilac flowers. July. 1 ft. S.

Allium recurvatum superbum - Pagosa Onion. Showy pink flowers in July. 20 in. S.

Amsonia tabernaemontana - Blue Star of Texas. Soft blue flowers May-June. Willow-like foliage, 2-3 ft. S. or L. Sh.

Aquilegia canadensis - American Columbine. Red and yellow, May-June. 1-3 ft. S. or L. Sh.

Aquilegia chrysantha - Golden Columbine. Long spurred yellow flowers, May-June, 2-3 ft. S. or L. Sh.

Aquilegia coerulea - Colorado Columbine. Long spurred blue and white. Colo. state flower. 1-1½ ft. 35¢.

Aquilegia formosa - 1½ in. brick red and yellow flowers May-Aug. 2-3 ft. S. or L. Sh.

Aquilegia longissima - Americas longest spurred columbine. Pale yellow. July-Aug. S. 50¢.

Arctostaphylos uva-ursi Bearberry. Beautiful trailing evergreen shrub. S.

Arenaria caroliniana - Pine Barren Sandwort. A snowy carpet for sunny location. Evergreen. Flowers late spring. Rare. 35¢.

Argemone hispida - Densely hairy with stiff bristly hairs and prickly. S.

Argemone intermedia - Prickly Poppy. 4 in. crinkley blooms all summer. 2 ft. S. Sow where wanted.

Arisaema triphyllum - Jack-in-the Pulpit. Named for odd shaped flower. 1-2 ft. Sh.

Artemisia frigida - Mountain Fringe. Velvety-silvery mounds to 4 in. S.

Asclepias tuberosa - Butterfly weed. Showy orange flower. June-August. 2 ft. S.

Aster stenomerus - Blue-violet. 9 in. Shrubby. Moist well drained location in S. or L. Sh.

Baptisia australis - Blue wild Indigo. Blue flowers in terminal racemes. June. 3-6 ft. S.

Callirhoe involucrata - Wine Poppy, rose-purple, spring till frost. Beautiful trailer. S.

Camassia esculenta - Camas Lily or Wild Hyacinth. Sky blue flowers in early spring. 1-2 ft. L. Sh.

Camassia quamash - Blue Camas. Dark blue flowers in a dense cluster on 1-2 ft. stalk. May-June. S. red nodding flowers in summer. 5-6 ft. L. Sh.

Campanula rotundifolia - Blue Bells of Scotland, blue. June till frost. 15 in. S. or Sh.

- Cassia marilandica* - Wild Senna, bright yellow flowers. July-August. 2-4 ft. S.
- Cassia nictitans* - Wild Sensitive Plant. Found along roadsides in poor soil. 12-15 in. July-Sept. S.
- Celastrus scandens* - Climbing Bittersweet. A climbing vine to 30 ft. Orange-yellow fruits much used in bouquets and decorating. S. or L. Sh.
- Cerastium alpinum* - Alpine Mouse-ear Chickweed. Woolly grey foliage. Flowers white, June-Sept., 2 in. S. 35¢.
- Chelone glabra* - White Turtlehead, white August-Sept., moist or garden conditions. 2-4 ft. S.
- Chimaphila maculata* - Striped Pipsissewa. Beautiful 10 in. evergreen. White flowers early summer. Dry shade.
- Chrysopsis mariana* - Golden Aster. Showy yellow flowers Aug.-Sept. Dry sandy location. 1-2 ft. S.
- Chrysopsis villosa* - Golden Aster. Showy yellow flowers in Sept. Dry sandy location. 12 in. S.
- Cimicifuga racemosa* - Cohosh Bugbane. Small white flowers on elongated racemes, summer. 4-6 ft. Sh.
- Clintonia borealis* - Bluebead. Yellow lily-like flowers in May. Blue fruit Aug. 1 ft. Sh.
- Cornus Canadensis* - Bunchberry. Dogwood-like flower in May, followed by showy red berries. 4-8 in. L. Sh.
- Corydalis sempervirens* - Pink Corydalis. Bien. very showy first year rosettes. 1 ft. S. or L. Sh.
- Dicentra chrysantha* - Golden Eardrops. Bluish-green leafy stems. Golden flowers. 2-3 ft.
- Dicentra eximia* - Wild Bleedingheart. Pink flowers April-Sept. 1-2 ft. L. Sh.
- Dicentra formosa* - Western Bleedingheart. Rose-colored flowers Apr.-Sept. 1-2 ft. L. Sh.
- Disporum smithii* - Fairy Bells. White bell-shaped flowers. Orange berries 6-16 in. Sh.
- Dodecatheon meadia* - Shooting Star. White to pink dart like flowers May-June. 2 ft. S. or L. Sh. 35¢.
- Echinacea angustifolia* - Purple Coneflower. Pink daisy like flowers in July, mahogany center. 2 ft. S.
- Erigeron macranthus* - Fleabane. Violet flowers in autumn. 10-20 in. A good species. S.
- Eriophyllum integrifolium* - Oregon Sunshine. May-Aug. 10 in. S.
- Eriophyllum lanatum* - Oregon Sunshine. Woolly gray-green leaves. Covered with 1 in. yellow blooms early in summer. Dry location in sun. 9-12"
- Eryngium leavenworthi* - Eryngo. Purple-violet flower heads and bracts. July-Oct. 3 ft. Dry S.
- Erysimum asperum*. - Wallflower. Bien. or peren. Sweetly scented yellow or orange flowers. 1-1½ ft. S.
- Erythronium oregonum* - Troutlily. Leaves mottled green and white. Flowers large cream colored, several to a stem. Moist L. Sh.
- Euonymus americanus* - Strawberry Bush. Greenish flowers in June. Attractive shrub in fruit. Moist. Sh.
- Euphorbia corollata* - Flowering Spurge. Conspicuous small white flowers in summer. 2-3 ft. S.
- Franklinia alatamaha* - America's rarest tree. To 30 ft. 3 in. white flowers Sept.-Oct. Leaves scarlet in fall. 8 seeds 25¢. 20 for 50¢.
- Fritillaria lancolata* - Mission Bells. Flowers dark mahogany brown, mottled greenish yellow. 1-3 ft. Sh.
- Gaillardia aristata* - Blanketflower. Flowers 3-4 in., yellow to red, all summer and fall. 2 ft. Sh.

- Gentiana andrewsii* - Closed Gentian, closed blue flowers, Sept.-Oct., moist or garden conditions. 1½ ft. S. or L. Sh.
- Gentiana andrewsii alba* - Similar but white, very rare. 35¢.
- Geranium maculatum* - Wild Geranium. Lavender purple flowers in May. 1-2 ft. L. Sh.
- Geum triflorum* - Purplish flowers Apr.-June. Plume-like, attractive fruits. 8-20 in. S. or L. Sh.
- Gilia rubra* - Skyrocket flower. Showy scarlet flowers summer. Attractive finely cut foliage. Easy. Dry sunny location. 3-4 ft.
- Heliopsis picheriana* - Yellow daisy-like blooms in August. 3 ft. S.
- Helonias bullata* - Swamp pink. Pink flowers on 2 ft. spikes early spring. Moist location S. or Sh. 50¢.
- Heuchera americana* - American Alum Root. Flowers greenish, June. Beautiful mottled foliage, semi-evergreen. 1-2 ft. L. Sh.
- Heuchera glabra* - Alum Root. Airy-white blooms on 2 ft. panicles. L. Sh.
- Hibiscus moscheutos* - Swamp Rosemallow. Blooms Aug.-Sept. 3-8 ft. Widely grown attractive plant.
- Houstonia caerulea* - Bluet. Blue flowers with yellow eye in spring. 4-5 in. S. 35¢.
- Houstonia purpurea* - Mountain Houstonia. Purple flowers in July 6-18 in. L. Sh.
- Hypoxis hirsuta* - Yellow Stargrass, ¾ in. yellow flowers May-Oct. 9 in. S. or L. Sh.
- Iris tenax* - Shades of blue, orchid-lavender to purple, nicely veined 6-12 in. Very desirable. Dry soil. S.
- Iris versicolor* - Blue Flag. Blooms in June, 1½-2 ft., moist or garden conditions. S.
- Lewisia rediviva* - Bitterroot. 2 in. pink or white flowers Apr.-May. Good drainage. S. 35¢.
- Liatris graminifolia* - Grass leaved Gayfeather. Rose purple flowers Sept.-Oct. 1½-3 ft. Moist or dry location. S.
- Liatris ligulistylis* - Smoky purple spikes in July. 1-1½ ft. S. or L. Sh.
- Liatris scariosa* - Button Gayfeather, rose-purple, August, dry location. 3-5 ft. S.
- Liatris spicata* - Spike Gayfeather, long spikes of rose purple flowers July-Sept. 5-6 ft. S.
- Lilium canadensis* var. *rubrum* - Red Meadow Lily. Early summer. 3-4 ft. S. or L. Sh.
- Lilium michiganense* - Michigan Lily. orange-red, June-July. 4-8 ft. S. or L. Sh.
- Lilium superbum* - American Turksap Lily. Orange red nodding flowers in summer. 5-6 ft. L. Sh.
- Linnaea borealis* - Twinflower. Evergreen trailer. Pink flowers in pairs early summer. Cool. Sh. 35¢.
- Lobelia cardinalis* - Cardinal Flower. Bright red July-Oct., moist or garden conditions. 3-5 ft. S. or L. Sh.
- Lobelia cardinalis* var. *Crawfords* - A larger more vigorous plant than *cardinalis*. 50¢.
- Lobelia siphilitica* - Blue Lobelia, blue flowers, July, moist or garden conditions. 2 ft. S. or L. Sh.
- Lobelia Dresdensis* - A blue hybrid stronger and more vigorous than *siphilitica*. 50¢.
- Lupinus perennis* - Blue Lupine flowers on terminal spikes. June. 1-2 ft. Dry. S.
- Mimulus Ringens* - Monkeyflower. 1 in. violet flowers in summer. 1-3 ft. S.

- Monarda didyma* - Scarlet Bergamot, Bright red, July-Aug. Rich soil. L. Sh. or S. 2-3 ft. 35¢.
- Nemopanthus mucronata* - Mountain Holly. Flowers May. Crimson-red fruit in Aug. Deciduous shrub to 12 ft. Damp location. L. Sh.
- Oenothera missouriensis* - Missouri Primrose. 4 in. yellow flowers, June-Aug. Prostrate. S.
- Opuntia humifusa* (vulgaris) - Prickly Pear, yellow flowers, July. Spiny-thickened leaves. Prostrate. S.
- Paeonia brownii* - Brownish red flowers in spring on 1 ft. stems. Native of west coast mountains. S. or L. Sh.
- Passiflora incarnata* - Passion Flower. A 20-30 ft. vine, not hardy in north. Mulch root for winter protection. Dry location. S. or L. Sh.
- Penstemon albertinus* - Blue, 8-12 in. S.
- Penstemon cobaea* var. Ozark. - A choice dark colored, large flowered form of *cobaea*. 2 ft. S. 35¢.
- Penstemon fruticosus* - Blue, 1½ ft. Shrubby. S.
- Penstemon ovatus* - 2 to 3 in. long, pink hinting, pale lavender flowers in summer. 2-4 ft. S.
- Penstemon polyphyllus* - Intense sky blue early flowering 8 in. plant. Glauous foliage. Choice. S. 35¢
- Physostegia virginiana* - Obedient Plant. Spikes of pink terminal flowers on 3 ft. stems. Summer. S.
- Physostegia virginiana alba* - A white flowered form of the above.
- Polemonium haydenii* - Greek Valarian. Blue flowers in spring. Moist well drained location. 8-12 in. S. or L. Sh.
- Polygonatum commutatum* - Large Solomon Seal. Nodding greenish flowers followed by dark blue berries. 3-5 ft. L. Sh.
- Ribes sanguineum* - Possibly the most beautiful flowering shrub from our northwest. Red flowered, fruit black. 10 ft.
- Romneya coulteri* - Matilija Poppy. One of Calif. most showy flowers. Large white poppy-like flowers on five foot bushy plants. Difficult to transplant. Winter protect in northern states. Dry location. S.
- Rudbeckia hirta* - Black-eyed Susan. Bien. showy yellow, brown-centered flowers summer and early fall. 1-2 ft. S.
- Rudbeckia hirta* hybrids. Large flowered more vigorous plant. Good colors. S.
- Rudbeckia laciniata* - Tall Coneflower, 2½-4 in. yellow flower with central conelike disk. Moist location. S. or L. Sh. 2-7 ft.
- Salvia lyrata* - Lyre-leaved Sage. Blue flowers in summer. 2 ft. S. or L. Sh.
- Sanguinaria canadensis* - Bloodroot. Pure white flowers April-May. 6-12 in. L. Sh.
- Saxifraga caespitosa* - A tufted or mossy saxifrage. Soft white flowers June-Aug. North exposure. L. Sh. 35¢.
- Sedum Oreganum* - Low growing. Flowers yellow on erect stems. 3-6 in. 35¢.
- Silene Pennsylvanica* - Peatpink. Rose colored flowers on 6-9 in. plant in spring. S. or L. Sh.
- Silphium perfoliatum* - Cup Plant. 2-3 in. yellow flowers on 6 ft. plants July-Sept. S.
- Smilacina racemosa* - Solomon's Plume. Fragrant white racemes of flowers May-June. Red berries late summer. 1½-2 ft. L. Sh.
- Stokesia laevis* - Stokes Aster. Blue or blue-white, 3-4 in. across, July-Aug. 1-2 ft. S. or L. Sh.

Stokesia leavis alba. As above, but seed collected from white flowered plants.

Streptopus amplexifolius - Twisted Stalk. Greenish white nodding flowers early spring. Attractive red fruit. Moist cool location. Sh.

Thermopsis carolina - Aaronsrod. Yellow flowers in terminal racemes May-June. 3-5 ft. S.

Thermopsis lanceolata - Flowers bright yellow. 6-12 in. From Alaska. 35¢.

Trientalis americana - American Star Flower. White flowers in May on 6 in. wiry stems. Sh. 35¢.

Vancouveria hexandra - Cream colored flowers May-June. Ground cover for shade. 1 ft.

Verbena bipinnatifida - Small-flowered Verbena. Lilac. Spring till fall. Prostrate. S. 1st year from seed

Verbena canadensis - Large-flowered Verbena. Pink. Spring till fall. Prostrate. S. 1st year from seed.

Veronicastrum virginicum - Culver's Root. White slender spikes late summer. 3-5 ft. S.

Viburnum opulus var. *americanum* - Highbush Cranberry. Interesting in flower, beautiful in fruit and fall colors. Fruit used as cranberries and jelly. 6-12 ft. S. Shrub.

Viola priceana - Confederate Violet. Spring blooming in blue and grey. S. or L. Sh.

Xerophyllum asphodeloides - Turkey-beard. From the pine barrens. Yellowish white flowers on a stately shaft (sometimes 5 ft.) from a dense tuft of grass-like leaves. May-July. 2-4 ft. Dry location. Sun.

Xerophyllum tenax. Beargrass. A low fountain in grass, about 18 in. high, 2-3 ft. across. Evergreen. 3-5 ft. stems crowned with creamy white lily heads of matchless beauty. Ornamental when not in bloom. L. Sh.

Yucca filamentosa - Common Yucca. Evergreen showy white lily-like flowers early summer. 3-6 ft. S.

Yucca glauca - Soapweed. Greenish white flowers. May-June. Stiff, narrow grey-green leaves. 3-6 ft. S.

We have a few packets of *Coptis trifolia*, *Pentstemon alpinus*, *Phlox divaricata*, *Scutellaria resinosa* and *Aethionema* mixed at 25¢ per packet. 1954 seed in too small quantities to list.

The following easy to grow collections - \$1.00 each:

I - For full sun in dry location; *asclepias tuberosa*, *corydalis sempervirens*, *chrysopsis mariana*, *Euphorbia corollata* and *liatris scariosa*.

II - For full sun in moist location; *cassia marilandica*, *hibiscus moscheutos*, *minulus ringens*, *physostegia virginica*, and *silphium perfoliatum*.

III - For full sun, but low growing; *callirhoe involucrate*, *eriphyllum lanatum*, *oenothera missouriensis*, *opuntia humifusa* and *verbena canadensis*.

IV - For light shade; *aquilegia canadensis*, *campanula rotundifolia*, *dicentra formosa*, *heuchera americana* and *stokesia leavis*.

V - For light shade and moist location; *camassia esculenta*, *chelone glabra*, *gentiana andrewsii*, *lobelia cardinalis* and *streptopus amplexifolius*.

VI - For shade; *actaea alba*, *arisaema triphyllum*, *clintonia borealis*, *cimicifuga racemosa*, and *monarda didyma*.

SEEDS OF CULTIVATED PLANTS

Achillea tomentosa aurea - Yarrow. Golden yellow flowers in June over silvered foliage. 6 in.

- Belamcanda chinensis* - Blackberry Lily. An old favorite. Open lily-like flowers dotted crimson. Seed stalks useful in winter decorations. 2-3 ft.
- Bocconia cordata* - Plume Poppy. Leaves large glaucous heart shaped, much lobed and deeply veined. Flowers pinkish in terminal panicles. 5-8 ft.
- Campanula carpatica alba*. White bellflowers held erect on 6-8 in. wiry stems. Blooming June till Oct. Grows in compact tufts.
- Cimicifuga simplex* - Bugbane. Flowers pure white in dense raceme. Oct. Rare. 3 ft. Sh. 35¢.
- Clematis mandschurica* - Dwarf Clematis. Fragrant white flowers in July. Good for cutting. 3 ft.
- Delphinium chinense alba*. Pure white single flowers over ferny foliage. Long blooming if kept cut 3 ft.
- Dianthus arenarius* Rock garden species. Fringed and fragrant creamy blossoms. 6 in.
- Dianthus deltoides* - Maiden Pink. Deep red flowers with crimson eye. Mat forming.
- Dianthus deltoides alba*. Similar to the above but white. Red circle instead of red eye.
- Dianthus neglectus compacta glauca*. Single deep pink fragrant flowers to 4 in. on pin cushion mounds. The rock garden gem. 50¢.
- Dianthus superbus*. Deeply fringed, rosy pink fragrant flowers on 20 in. stems.
- Dianthus superbus* White Lace. Similar to the above but white.
- Dianthus gelidus*. Varies in height and color, mostly pink, fringed and fragrant. Dwarf.
- Draba carinthiaca*. White flowers above loose green cushions in May. 6-8 in. 35¢.
- Euphorbia myrsinites* - Trailing, stems covered with blue green fleshy leaves. Yellow flowers in spring. Fine in walls or rock gardens. 35¢.
- Euphorbia polychroma*. A beautiful plant growing to a 1 ft. formal hemispherical clump, covered with yellow flowers May-June. Fine border plant. 50¢.
- Hibiscus* Giant Hybrids mxd. Red, pink or white immense hollyhock-like flowers in summer on 5 ft. plants.
- Iris pseudacoris* - Yellow Water Flag. Bright yellow flowers on 2-3 ft. stems. May-June.
- Linum flavum compactum*. Fine yellow flowers on 12 in. stems all summer. Choice.
- Lychnis Arkwrighti* Hybrids. Showy, good color range. 18 in.
- Monarda Croftway* Pink. An appealing rose pink. 2-3 ft.
- Platycodon* - Double blue, 1½-2 ft. 35¢.
- Platycodon* - Double white, 1½-2 ft. 35¢.
- Platycodon* - Double white Betty Lou. A choice selection of above. Taller, sturdier, with waxy white flowers. 50¢.
- Platycodon* - Shell pink. Light pink with darker veining. 2 ft. 35¢.
- Potentilla warrensii* - A very showy species with constant display of golden flowers over dark green plants all summer. 2 ft.
- Rosa multiflora* - Japanese Rose. Thorny. Used as a hedge rose or living fence. Small white flowers in June.
- Sedum spectabilis*. Erect growing with pink blooms in Sept. 12-18 in.
- Stachys lanata* - Woolly Woundwort. Tiny purple flowers on 1-1½ ft. spikes. Plant white-woolly throughout. Use for contrast or edging.

WILD FLOWERS and HOW to GROW THEM

by Edwin F. Steffek - \$3.95 Postpaid.

100 illustrations, 50 in full color. Describes over 250 species. Tells where they grow, when they bloom, and how to grow them. Sponsored by the American Nature Association and The Wild Flower Preservation Society, Inc.

SPHAGNUM MOSS for SEED GERMINATION

Leaflet No. 243 - 5¢ with seed orders only.

Above leaflet published by the U. S. Department of Agriculture.

SPHAGNUM MOSS in ground form ready to use.

Packed in polyethylene bags which do not leak. Reclosed easily with rubber band. 1 lb. Postpaid \$1.50

We wish to recommend "LIFETIME PLASTIC MARKERS" for convenience and permanence. We use them. Order direct from Gro-Quick Sales, 10342 Lanark St., Detroit 24, Mich.

We would be pleased to correspond with persons who collect seed of native wild flowers or other rare plants. Seed should be properly ripened, true to name fresh and from areas where temperature falls below zero. Seed wanted for our own use.

American Perennial Gardens is located at 7050 Venoy Road, (between Ford and Warren Roads) Garden City. Venoy Road is four miles west of Telegraph Road, U. S. 24.

A plant list is published in the spring. The garden is open for local plant sales 9 A.M. to 5 P.M. on Saturday and Sunday. Visitors will be welcome on those days.

Direct all seed orders to P.O. Box 37, Garden City, local as well as out of state orders.

PLANTING DIRECTIONS

Plant small quantities and fine seeds in flats or tin cans. We sterilize good rich soil and mix with equal volume of vermiculite (for good drainage; also, the ability of vermiculite to hold water), filling container to about 1 inch of the top. Balance of container is filled with finely milled, moistened sphagnum moss. For containers we prefer five quart cans obtained at gas stations, cut down to five inches. Holes are punched in bottom for drainage. Cover larger seeds with moss, but merely sprinkle fine seeds over the moss. For complete instructions see Leaflet No. 243, U.S.D.A. (obtained from Supt. of Documents, Washington, D. C. 5¢)

After planting, containers are set in frame outside for the benefit of the freezing and thawing so necessary to germination of many species. Should some fail to germinate the first season, hold over until the following spring.

We have good results using vermiculite and a complete fertilizer instead of moss. Vermiculite can be purchased from any building supply dealer. Use the plaster grade.

The use of moss or vermiculite in containers allows the planting of seed at any time. Root disturbance is very slight when transplanting from either of these mediums.

Good sources of information on propagation by seeds are L. D. Hill's "The Propagation of Alpines", and Bailey's "Cyclopedia of Horticulture."

Send names and addresses of friends interested in gardening. We will gladly send them our lists.

